

## Specifications at a Glance\*

### Standard Features

- 16MB RAM/8MB Flash memory
- Print method: Direct thermal
- Rubber-infused plastic over-mold design for tough conditions
- Battery monitoring via a battery low indicator light or gauge on the LCD
- Lithium ion battery
- OpenACCESS™ design and center locking
- media loading
- Label Vista™ and Windows® printer drivers
- QuickFlip™ peel and present mode
- 32-bit processor

### Operating Characteristics

#### Environment\*\*

- Operating Temp.: 5° F/-15° C to 122° F/50° C
- Storage Temp.: -13° F/-25° C to 158° F/70° C
- Operating Humidity: 10% to 80% non-condensing
- Storage Humidity: 10% to 90% non-condensing
- Water resistant to IP14 standards and IP54 rated with optional soft case

#### Electrical

- 7.4 V Lithium ion battery (2.1 Ah QL 220 Plus, QL 320 Plus; 4.2 Ah QL 420 Plus)
- External charger options

#### Communication Interface Capabilities

- Wireless security features (i.e. VPN or WPA/WPA2)
- 8 pin din (RS232C)
- Selectable baud rate: 9600 to 115.2 Kbps
- Xon/Xoff or Hardware flow control
- Bluetooth option
- Wireless LAN (802.11b/g)
- USB 2.0

#### Agency Approvals

FCC and CE Class B compliance; design certified by CSA; CB Scheme report; NOM certified; C-Tick clearance

### ZebraLink™ Solutions

#### Software

- ZebraDesigner™ Pro
- ZebraNet™ Bridge Enterprise
- Label Vista
- Zebra Mobile SDK

#### Printer Languages & Firmware

- CPCL-Native
- ZPL II-x.8
- EPL2
- XML
- Wavelink Avalanche® Support
- Motorola® MSP Support
- File mirror via ftp or secure ftp

### Media Characteristics

#### Labels/Receipts

- Max. Roll Size (O.D.):
  - QL 220 Plus: 2.2"/55.9 mm
  - QL 320 Plus/QL 420 Plus: 2.6"/66.7 mm
- Core Size (QL 220/320/420 Plus): Interchangeable 3/4"/19.1 mm or 1-3/8"/34.9 mm
- Tag Receipt Thickness: 2.5 mil to 6.0 mil
- Label Thickness: 2.5 mil to 6.5 mil
- Media Type: Roll-fed, die-cut, linerless, receipt, fan-fold (QL 420 Plus)

For optimum print quality and printer performance, use genuine Zebra™ supplies

### Fonts/Graphics/Symbologies

#### Fonts and Character Sets

- Five resident scalable, rotatable fonts available from 12-48 pt.
- Downloadable soft fonts from Label Vista software
- Optional international character sets

#### Graphic Features

Graphics, line and box drawing features; PCX supported

### Bar Code Symbologies

- Linear Bar Codes: Code 39, Code 93, Code 128; Codabar; Interleaved 2-of-5; FIM Postnet; UPC-A, UPC-E, 2 & 5 digit add-on; EAN-8, 13, 2 & 5 digit add-on; MSI/Plessey; UCC/EAN 128
- 2-Dimensional: Aztec, Data Matrix, GS1 DataBar™ (RSS) family (12 bar codes), MaxiCode, PDF417, QR Code

Contains UFST® from Monotype Imaging, Inc.

### Options and Accessories

- 802.11b/g wireless local area network (WLAN) or Bluetooth 2.0
- Media width auto-sensing feature
- Linerless printing
- Spare lithium ion battery packs
- Battery chargers (AC/DC)
- International character sets
- Fanfold media bin (QL 420 Plus only)
- Mobile mount (QL 420 Plus only)
- Battery eliminator
- Soft case
- Kickstand
- XML Support Applications and Documentation utility CD